Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 24 Jan 2023 until 23:59 on Wednesday 25 Jan 2023

Forecast Issued on Tuesday 24 Jan 2023 at 01:38

Confidence: High for general pattern, lowering for cloud details.

Headline for Tuesday 24 Jan 2023: Some early brightness possible, on an otherwise cloudy day with some patchy light rain and drizzle.

Mountain weather hazards on Tuesday 24 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
			FOG	FOG	FOG
Cloudy	Cloudy	Cloudy	Fog	Fog	Fog
Precipitation probability					
20%	20%	30%	30%	30%	30%

Forecast for Tuesday 24 Jan 2023

Weather: Dry start with clear then some early brighter spells. Gradually cloud feeding from the northwest from late morning, bringing a chance of some patchy light rain or drizzle for the afternoon and evening.

Chance of cloud-free hill tops above 600m: 75% at first becoming 30% for the afternoon and evening

Low cloud and visibility: Good becoming moderate in rain and drizzle, very poor within cloud with bases becoming quite extensive down to 500m by late afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 24 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/6 SW	5/8 SW	6/9 SW	7/10 SW	9/14 SW	10/16 SW	12/18 SW
300	2/3 S	2/3 SW	3/4 W	3/5 W	5/7 SW	4/9 SW	7/12 SW
Valley	1/2 NE	1/3 E	2/4 SW	2/5 SW	2/6 S	3/10 SW	4/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/2	4/2	4/2	4/2	3/-0	3/-1	3/-2
300	4/3	4/2	5/4	6/5	5/3	4/3	4/1
Valley	3/1	4/2	5/4	6/5	5/4	4/3	4/3
Freezing Level*	1500m	1400m	1500m	1500m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chance of severe wind chill effect across highest peaks, visibility reducing later at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 24 Jan 2023	0.2mm	1mm	1.4mm

Forecast for Wednesday 25 Jan 2023

Weather: Overcast start with occasional light rain and drizzle, becoming largely dry from early afternoon with some brighter spells appearing later afternoon.

Maximum wind: West or southwest 20mph with gusts reaching 30mph across most exposed ridges and summits. Winds easing and veering later in the day.

Chance of cloud-free hill tops above 600m: Beginning 20% becoming 90% late afternoon.

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases quite extensive down to 500m at first, particularly in the west, before lifting and breaking late afternoon.

Temperature: **Valleys:** Minus 2 Celsius increasing 9 Celsius during the afternoon
At 600m: Plus 4 Celsius lowering plus 1 Celsius late evening
Freezing level: Above summits lowering 700m late evening

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